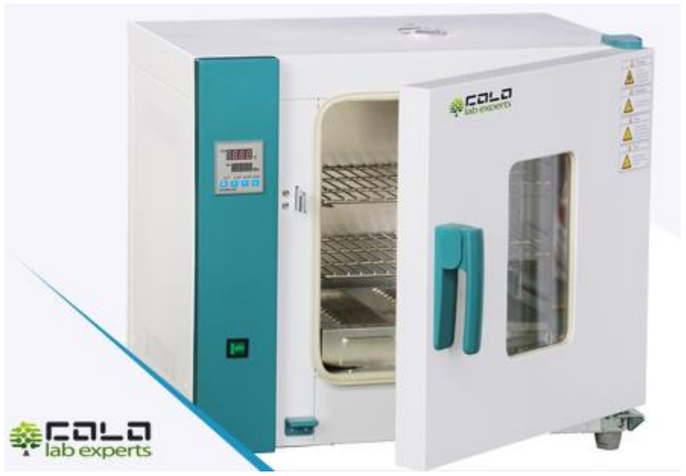


DRYSC Drying Oven with Forced Air Circulation LED

Digital PID Controller

Forced Air Convection

Max. temp. 250°C

Download Catalogue

LED

The DRYSC universal drying oven is a precision device in your laboratory for heating, drying, ageing, sample preparation in science industry, quality assurance, education…

- Electronic regulation with a digital thermoregulator and timer.
- Inner chamber made from stainless steel with rounded corners.
- Precision temperature sensor, programmable thermo controller, interior and exterior made of high-quality materials, will give your work precision and comfort.
- Forced motor fan air circulation provide high temperature uniformity in chamber and protect your samples.
- Specially designed rotating doors with a steel insert provide convenient and comfortable operation.
- Corrosion resistant material is ideal for easy cleaning and long-term exploitation, short heat up time save your time during the work process.
- The sterilizer is constructed using profiled sheet steel for enhanced structural integrity and durability.
- High quality insulation prevents heat loss and saves your energy. The insulation space of the sterilizer is composed of a layer of ceramic fibers based on aluminum oxide, combined with air circulation, ensuring minimal heat loss.
- Stainless steel shelves ensure durability and corrosion resistance.
- Program for automatic microprocessor control with auto diagnostic system. PID parameters settings provide automatic perfect hating performance adjustment.
- The sterilization process does not begin until the set temperature is reached.
- Analogy and automatic tuning of air circulatic

RT+5 -250°C

Hi temperature uniformity with ajdustable over temperature protection up to 250°C .

Forced Air Convection

Forced Horizontal Air Convection – High Chamber Temperature Uniformity,

Microprocessor PID Control

Intelligent temperature controller with temperature and timing function prevent temperature hysteresis, overheating provide temperature stability…

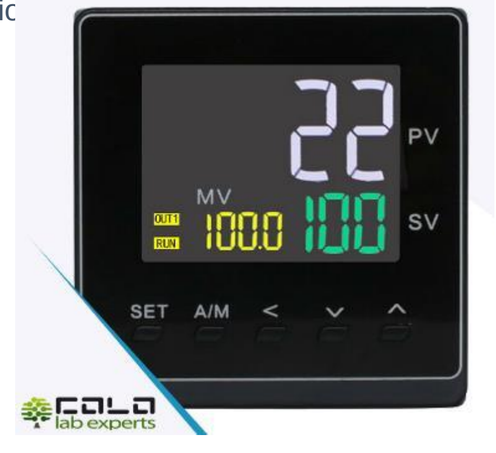
Double Tempered Glass Window

for samples observation,

Time Programing

Timer programing from starting controler or when temperature reach setting value

Optional temperature ramping up to 50 segments temperature timing



Item	DRYSC43	DRYSC71	DRYSC136	DRYSC225
Volume Liter	43	71	136	225
Air Circulation	DRYSC Horizontal Forced Air Circulation/DRYSCN Natural air circulation			
Temperature range	Rt+5 - 250°C			
Temperature resolution	0,1°C			
Temperature fluctuation	1°C			
Temperature precision	±1°C (at 70°C)			
Temperature uniformity	±2°C (at 70°C)			
Working Ambiental temperature	5°C to 40°C			
Relative humidity	80%rh (without condensation)			
Display type	LED			
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, auto tuning,			
Adjustable exhaust air flap	Ø28mm on top with function of test hole			
Timer	0-9999min with timing wait function			
Housing	Profiled steel sheet with electro static spraying exterior			
Temperature sensor	Pt100 A Class			
Door with tempered glass for sample observation window	Yes, Dimension tempered glass H*W 250*204 mm			
Operation function	Digital display temperature settings, timing function, auto stop, internal parameter locking, temperature correction, PID auto tuning, parameter memory in the case of electrical cut off. Sound and light alarm: Hi and low temperature limit, end program, overheating. Settings menu lock			
Standard shelf number	2 stainless steel			
Optional shelf number (max)	9	13	17	21
Load per shelf (max)	15kg			
Voltage	220V/50-60Hz with built in circuit braker			
Power	1,2kW	1,6kW	2,3kW	3kW
Inner chamber size W*D*H mm	350*350*350	450*400*400	550*450*550	600*550*750
Outer Dimension W*D*H mm	652*472*587	750*470*680	852*572*786	902*622*986
NV/GV kg	33/37	45/50	62/68	77/96
Standard Temperature Certificate	At 160°C in the chamber centre Issued by COLO technical service			
Temperature certificate (optional)	One or multi point temp, mapping, issued by accredited laboratory			
Optional accessories	Shelf			

Please note
If this Drying Oven does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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